

where X\* is as defined in formula (II)

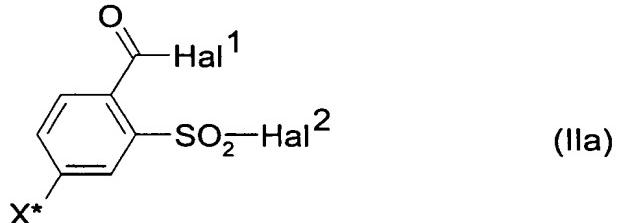
with one or more halogenating agents selected from the group of the inorganic acid halides of sulfur or phosphorus, in one or more reaction steps, into the compound of the formula (II).

12. The process as claimed in claim 11, wherein the halogenating agent used is thionyl fluoride, thionyl chloride, sulfonyl chloride, phosphorus trichloride, phosphoryl chloride, phosphorus pentachloride or phosphorus tribromide.

13. The process as claimed in claim 11 or 12, wherein the process is carried out in the presence of an inert organic solvent and a catalyst selected from the group of the sterically hindered basic compounds.

14. The process as claimed in any of claims 11 to 13, wherein the reaction temperature is in the range from 20°C to 150°C.

15. A compound of the formula (IIa)



where Hal<sup>1</sup>, Hal<sup>2</sup> and X\* are each independently of one another a halogen atom.

16. The compound as claimed in claim 15, wherein Hal<sup>1</sup> and Hal<sup>2</sup> are each a chlorine atom and X\* is an iodine atom.

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